Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT120825\
Data File : VT019245.D
Acq On : 8 Dec 2025 12:46
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_T/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 09 01:02:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T120825S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 09 00:58:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2025
Supervised By :Mahesh Dadoda 12/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.536	168	220894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.535	114	373433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.713	117	268062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.923	152	134468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.924	65	276095	97.047	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 194.100%#			
35) Dibromofluoromethane	7.454	113	230072	104.627	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 209.260%#			
50) Toluene-d8	10.215	98	962483	99.640	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 199.280%#			
62) 4-Bromofluorobenzene	12.847	95	265912	97.867	ug/l	0.00
Spiked Amount 50.000	Range 52 - 138		Recovery = 195.740%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.866	85	213615m	97.007	ug/l	
3) Chloromethane	2.060	50	325150m	93.261	ug/l	
4) Vinyl Chloride	2.183	62	361502	97.869	ug/l	98
5) Bromomethane	2.512	94	229424m	83.619	ug/l	
6) Chloroethane	2.647	64	314210	108.527	ug/l	100
7) Trichlorofluoromethane	2.953	101	569134	104.947	ug/l	98
8) Diethyl Ether	3.323	74	199458	95.695	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.646	101	329643	103.890	ug/l	99
10) Methyl Iodide	3.828	142	362549	129.836	ug/l	98
11) Tert butyl alcohol	4.651	59	130692	422.766	ug/l	99
12) 1,1-Dichloroethene	3.629	96	335628	103.174	ug/l	98
13) Acrolein	3.505	56	14999	160.533	ug/l	98
14) Allyl chloride	4.175	41	628110	99.743	ug/l	98
15) Acrylonitrile	4.798	53	381725	434.294	ug/l	99
16) Acetone	3.705	43	547802	496.295	ug/l	100
17) Carbon Disulfide	3.922	76	949945	99.885	ug/l	98
18) Methyl Acetate	4.181	43	263364	107.975	ug/l	98
19) Methyl tert-butyl Ether	4.863	73	771738	91.062	ug/l	99
20) Methylene Chloride	4.387	84	380592	101.792	ug/l	98
21) trans-1,2-Dichloroethene	4.845	96	291479	93.567	ug/l	100
22) Diisopropyl ether	5.761	45	1094297	101.471	ug/l	97
23) Vinyl Acetate	5.697	43	2370949	505.955	ug/l	100
24) 1,1-Dichloroethane	5.644	63	579436	103.199	ug/l	100
25) 2-Butanone	6.660	43	492314	392.900	ug/l	100
26) 2,2-Dichloropropane	6.637	77	461380	112.451	ug/l	98
27) cis-1,2-Dichloroethene	6.637	96	337272	103.642	ug/l	99
28) Bromochloromethane	7.031	49	247835	99.376	ug/l #	100
29) Tetrahydrofuran	7.054	42	290564	466.368	ug/l	99
30) Chloroform	7.219	83	517461	102.458	ug/l	100
31) Cyclohexane	7.512	56	549400	96.338	ug/l	97
32) 1,1,1-Trichloroethane	7.430	97	433493	106.801	ug/l	100
36) 1,1-Dichloropropene	7.665	75	400233	103.517	ug/l	99
37) Ethyl Acetate	6.754	43	182675	92.232	ug/l	97
38) Carbon Tetrachloride	7.648	117	324705	115.099	ug/l	95
39) Methylcyclohexane	9.081	83	541362	104.708	ug/l	98
40) Benzene	7.935	78	1247341	103.186	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.007	41	112860	103.884	ug/l		95
42) 1,2-Dichloroethane	8.029	62	311742	100.644	ug/l		98
43) Isopropyl Acetate	8.082	43	366815	99.015	ug/l		100
44) Trichloroethene	8.805	130	263560	103.685	ug/l		98
45) 1,2-Dichloropropane	9.122	63	289688	102.960	ug/l		99
46) Dibromomethane	9.222	93	130744	102.135	ug/l		99
47) Bromodichloromethane	9.440	83	368202	106.728	ug/l		97
48) Methyl methacrylate	9.216	41	180134	101.911	ug/l		99
49) 1,4-Dioxane	9.222	88	40299	1760.924	ug/l		97
51) 4-Methyl-2-Pentanone	10.098	43	865913	474.101	ug/l		100
52) Toluene	10.286	92	716827	98.747	ug/l		99
53) t-1,3-Dichloropropene	10.544	75	327151	104.591	ug/l		99
54) cis-1,3-Dichloropropene	9.933	75	427128	107.936	ug/l		98
55) 1,1,2-Trichloroethane	10.750	97	176658	96.422	ug/l		97
56) Ethyl methacrylate	10.603	69	252466	102.240	ug/l		99
57) 1,3-Dichloropropane	10.914	76	336090	99.198	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.769	63	465573	116.306	ug/l		100
59) 2-Hexanone	10.967	43	599598	408.495	ug/l		99
60) Dibromochloromethane	11.138	129	196362	101.982	ug/l		99
61) 1,2-Dibromoethane	11.255	107	145527	94.349	ug/l		98
64) Tetrachloroethene	10.826	164	235838	117.459	ug/l		99
65) Chlorobenzene	11.743	112	617663	100.678	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.831	131	210894	120.056	ug/l		98
67) Ethyl Benzene	11.831	91	1374217	116.363	ug/l		97
68) m/p-Xylenes	11.954	106	1033624	227.614	ug/l		100
69) o-Xylene	12.330	106	479846	111.623	ug/l		98
70) Styrene	12.342	104	800171	111.348	ug/l		99
71) Bromoform	12.536	173	90447	109.227	ug/l	#	98
73) Isopropylbenzene	12.671	105	1136347	95.796	ug/l		98
74) N-amyl acetate	12.466	43	226743	103.707	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.959	83	169873	92.657	ug/l		96
76) 1,2,3-Trichloropropane	13.018	75	135702m	94.387	ug/l		
77) Bromobenzene	12.988	156	219832	89.859	ug/l		96
78) n-propylbenzene	13.065	91	1381040	98.795	ug/l		100
79) 2-Chlorotoluene	13.159	91	784476	99.795	ug/l		99
80) 1,3,5-Trimethylbenzene	13.223	105	917445	100.108	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.730	75	54192	98.252	ug/l		94
82) 4-Chlorotoluene	13.270	91	808882	98.265	ug/l		100
83) tert-Butylbenzene	13.517	119	823327	100.048	ug/l		99
84) 1,2,4-Trimethylbenzene	13.570	105	945213	101.818	ug/l		98
85) sec-Butylbenzene	13.723	105	1235762	99.799	ug/l		99
86) p-Isopropyltoluene	13.852	119	1133525	108.568	ug/l		99
87) 1,3-Dichlorobenzene	13.852	146	529779	104.336	ug/l		99
88) 1,4-Dichlorobenzene	13.940	146	472119	97.863	ug/l		100
89) n-Butylbenzene	14.222	91	1034874	105.129	ug/l		99
90) Hexachloroethane	14.528	117	152251	118.032	ug/l		99
91) 1,2-Dichlorobenzene	14.275	146	420319	96.718	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.974	75	24529	105.303	ug/l		93
93) 1,2,4-Trichlorobenzene	15.762	180	276204	96.792	ug/l		100
94) Hexachlorobutadiene	15.885	225	140858	96.370	ug/l		100
95) Naphthalene	16.050	128	488681	95.649	ug/l		100
96) 1,2,3-Trichlorobenzene	16.285	180	229221	93.938	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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